

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Application No.: 10/826,505

Attorney Docket No.: Q80667

AMENDMENTS TO THE SPECIFICATION

Please replace the present title with the following amended title:

VIBRATION SUPPRESSING MAGNETIC HEAD ASSEMBLY AND MAGNETIC TAPE
SERVO SIGNAL WRITER

Please replace paragraphs [0014], [0017] and [0030]-[0032] with the following amended paragraphs:

[0014] The lap-wrap angle θ_1 , that is an angle of attack of the tape against the sliding surface of the servo write head, is preferred to be 1.0 to 6.0 degrees. Because the angle in this range allows the tape sliding on the surface of the servo signal recoding head without damages such as scratching or exfoliation of the recording layer of the tape.

[0017] In the present invention, it is preferred that the lap-wrap angle θ_1 , that is an angle of attack of the tape against the surface of the passing tape sliding through the guide block, is preferred to be 0.5 to 2.0 degrees. In this alignment of the guide block, it is possible that the magnetic tapes can run on the servo write head with appropriate contact without the damages added onto the tape.

[0030] The lap-wrap angle θ_1 of the magnetic tape MT against the sliding surface 11a is selected to be 1.0 to 6.0 degrees. For example, the embodiment shown in FIG. 3 has 4.0 degrees of the lap-wrap angle θ_1 .

[0031] The lap-wrap angle θ_1 is determined by the edges 11c of the servo write head 11 and the edge 12c of the guide block. The lap-wrap angle θ_1 is, as shown in FIG. 3, defined as a bending angle of the passing tape at the edges.

[0032] The edges 12c of the guide block 12 and the edges 21c of the tape guide 21 make another lap-wrap angle θ_2 for the tape MT passing through the magnetic head assembly 10. The

lap-wrap angle θ_2 is preferably selected to be 0.5 to 2.0 degrees. For example, the embodiment shown in FIG. 3 has 1.0 degree of the lap-wrap angle θ_2 .

Please replace the present abstract with the following amended abstract:

A magnetic head assembly to record servo signals, that serves for ~~positing~~positioning of data recording magnetic heads and data reproducing magnetic heads, on magnetic tapes ~~comprises~~includes a servo signal recording head of which sliding surface has a magnetic gap embedded thereon in order to record the servo signals onto a magnetic tape and guide blocks which are set adjacent to at least one of the up-stream position or the down-stream position of a line of magnetic tape passing the servo signal recording head and are slightly set back from said sliding surface of the recording head so that said ~~the~~ magnetic tape slides on an edge of the servo signal recording head and on an edge of the guide block.